



Missouri Department of Health and Senior Services

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TO: Missouri Local Public Health Agencies, Missouri U.S. Influenza Sentinel Surveillance Physicians, and Stakeholders

FROM: Libby A. Landrum, R.N., M.S.N., Influenza Coordinator
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SUBJECT: Weekly Missouri Influenza Report 2002-2003 Season
(All data in this report are provisional and may change as reports are updated.)

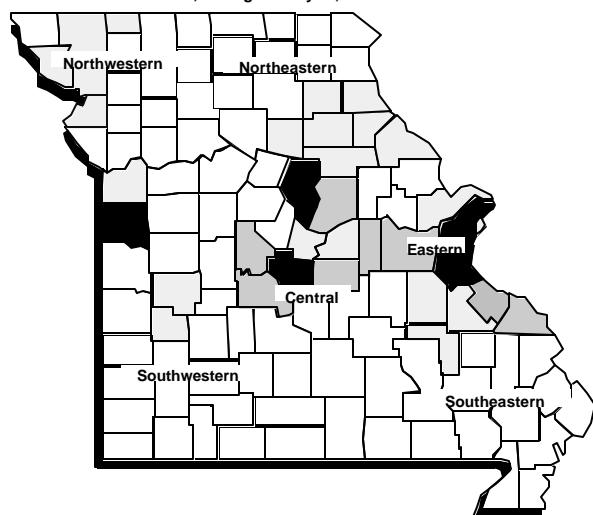
DATE: January 29, 2003
Missouri is reporting "widespread influenza activity" to the Centers for Disease Control and Prevention.

Reported Laboratory Confirmed Cases by Sub-type **For the Week Ending January 25, 2003 (Week 04)**

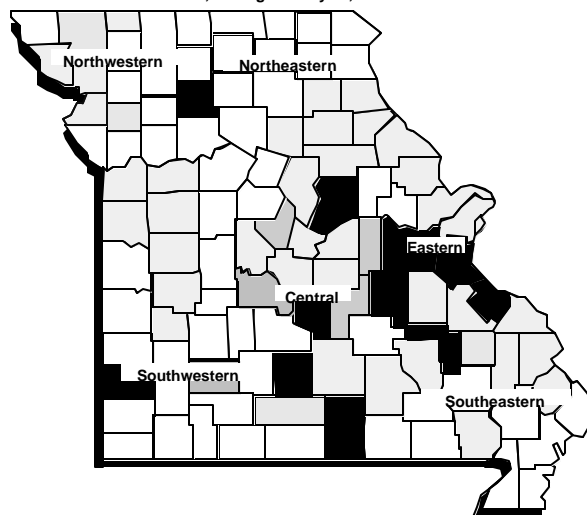
Serogroups	A (non- typed)	A (H3N2)	A (H1N1)	B	A or B Untyped (rapid test)	Total
Week 04	4	0	0	78	206	288
Season-to-Date*	32	0	0	317	907	1,256

*The influenza season begins with week 40 (week ending October 5, 2002) and ends with week 20 (week ending May 17, 2003).

Confirmed Influenza, Type A, B, and A/B Undifferentiated
Missouri by County
Week 04, Ending January 25, 2003



Confirmed Influenza, Type A, B, and A/B Undifferentiated
Missouri by County
Season-to-Date, Ending January 25, 2003



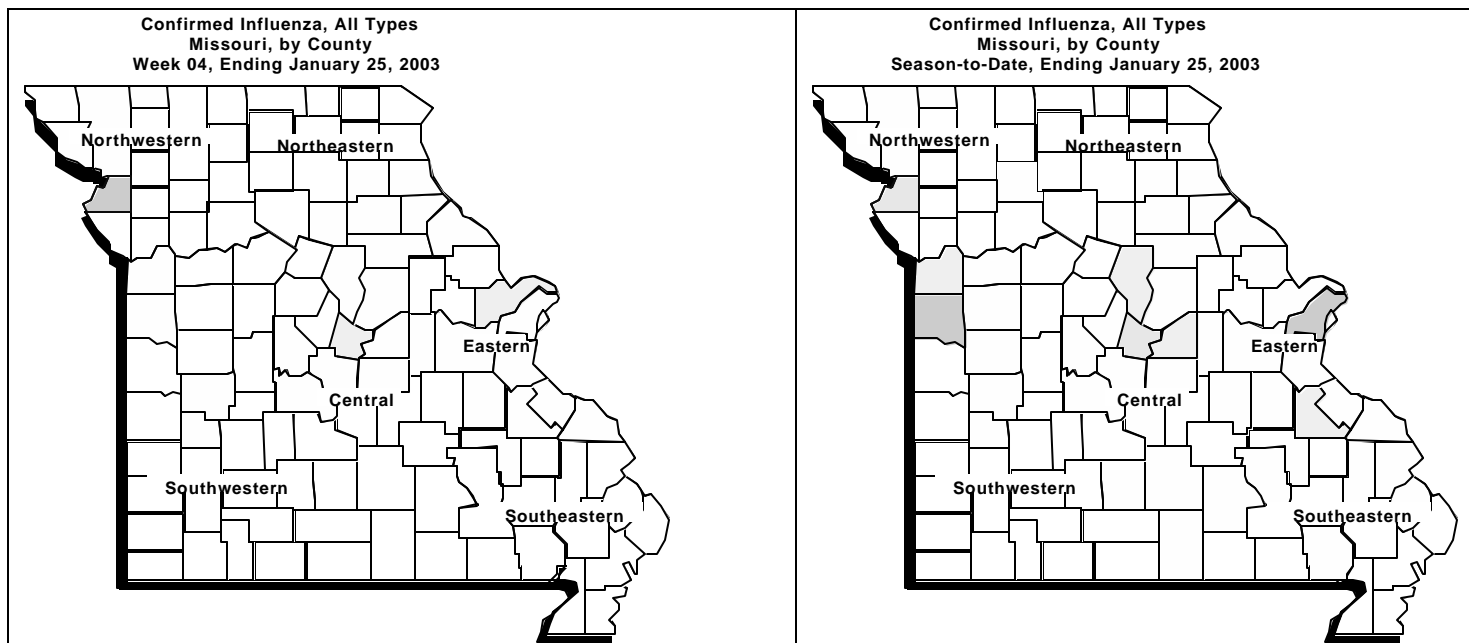
<input type="checkbox"/>	A and Untyped	<input type="checkbox"/>	A only
<input checked="" type="checkbox"/>	B and Untyped	<input checked="" type="checkbox"/>	B only
<input type="checkbox"/>	Untyped	<input type="checkbox"/>	A , B and Untyped

<input type="checkbox"/>	A and Untyped	<input type="checkbox"/>	A only
<input checked="" type="checkbox"/>	B and Untyped	<input checked="" type="checkbox"/>	B only
<input type="checkbox"/>	Untyped	<input type="checkbox"/>	A , B and Untyped

www.dhss.state.mo.us

The Missouri Department of Health and Senior Services enhances quality of life for all Missourians by protecting and promoting the community's health and the well-being of citizens of all ages.

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER: Services provided on a nondiscriminatory basis.



	1 - 25		101 - 200
	26 - 50		201 - 300
	51 - 100		300 +

	1 - 25		101 - 200
	26 - 50		201 - 300
	51 - 100		300 +

Clusters/Outbreaks of Influenza-like Illness							
For the Week Ending January 25, 2003 (Week 04)							
Health District	Central	Eastern	NW	SE	SW	Season-to-date	Last Year Season-to-date
School Closings	20	0	18	4	0	179	6
Community Outbreaks	0	0	1	0	0	3	3
Long Term Care or Institutional Outbreaks	0	0	0	0	0	3	10
Other Outbreaks	0	0	0	0	0	0	0
Season-to-Date	43	3	80	19	40	185	19

Pneumonia and Influenza (P&I) Deaths			
For the Week Ending January 18, 2003 (Week 03)			
Week 03	Season-to-Date	Week 03 Last Season	10 Year Weekly Median
29	419	35	53*

* Prior to 1999, P&I data were collected from week 46 through week 17; therefore, the ten-year median will be noted only during those weeks.

U.S. Influenza Sentinel Physicians Surveillance Network (US ISPSN)						
Influenza-like Illness (ILI) For the Week Ending January 18, 2003 (Week 03)						
Age 0-4	Age 5-24	Age 25-64	Age 65+	Total ILI Patients Seen	Total Patients Seen	Percent ILI
34	89	46	1	170	3,752	4.53%*

*This percentage is above the national baseline of 1.9%. Data received through the US ISPSN indicates that the percent ILI has been above the national baseline during week 45 (2.03%), week 48 (2.20%), week 49 (2.41%), week 50 (2.55%), week 51 (2.77%), week 52 (4.09%), week 01 (3.93%), and week 02 (2.78%).

Respiratory Specimens Submitted to SPHL for Viral Testing							
For the Week Ending January 25, 2003 (Week 04)							
	Positive Specimens						Total Number Specimens Submitted
	Influenza	Para- influenza	Respiratory Syncytial Virus (RSV)	Adeno- virus	Rhino- virus	Entero- virus	
Week 04	9	0	0	1	0	0	24
Season-to-Date	24	3	0	2	0	3	135

CDC antigenically characterizes a sample of positive Missouri influenza isolates, submitted through the Missouri Department of Health and Senior Services (DHSS), State Public Health Laboratory (SPHL). DHSS has received the results on two Missouri isolates. The isolates were antigenically similar to that of the reference strain influenza B/Hong Kong/330/2001. Influenza B/Hong Kong/330/2001 was the recommended B component of the 2002-03 influenza vaccine.

Sources of Data: Laboratory confirmed cases are reported to the Missouri Department of Health and Senior Services (DHSS) passive communicable disease surveillance system through the disease registry. Suspected influenza clusters and outbreaks are reported through the active surveillance system. Pneumonia and influenza deaths are reported through the DHSS Bureau of Vital Records. Influenza-like illness data by age category and total number of patient visits by week are reported voluntarily by participants in the U.S. Influenza Sentinel Physicians Surveillance Network.

This report may also be found on the DHSS Internet at: www.dhss.state.mo.us/Influenza/index.html. National influenza surveillance information is available from the Centers for Disease Control and Prevention at: www.cdc.gov/ncidod/diseases/flu/weekly.htm

The Missouri Department of Health and Senior Services after hours number for reporting disease cases and emergencies is 1-800-392-0272.

